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UNIVERSITI SAINS MALAYSIA

Second Semester Examination  
Academic Session 2008/2009

April/May 2009

**RQK 355 - Professional Practice in Quantity Surveying**  
***[Amalan Profesional Ukur Bahan]***

Duration: 3 hours  
*[Masa: 3 jam]*

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Please check that this examination paper consists of FOUR pages of printed material before you begin the examination.

*Sila pastikan bahawa kertas peperiksaan ini mengandungi EMPAT muka surat yang tercetak sebelum anda memulakan peperiksaan ini.*

Students are allowed to answer all questions either in English OR in Bahasa Malaysia only.

*Pelajar dibenarkan menjawab semua soalan dalam Bahasa Inggeris ATAU Bahasa Malaysia sahaja.*

Answer **FIVE** questions only.

Jawab **LIMA** soalan sahaja.

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1. (a) Discuss the importance of ethical consideration in the conduct of the Chartered Quantity Surveyor.

*Bincangkan tentang mustahaknya pertimbangan beretika dalam tata laku seorang Juruukur Bahan Berkanun.*

- (b) Discuss how the Quantity Surveyors Act 1967 reinforces the 'professional' status of local quantity surveyors and elaborate on the concept of professionalism.

*Bincangkan bagaimana Akta Juruukur Bahan 1967 boleh memperkukuhkan lagi status juruukur bahan tempatan serta huraikan tentang concept profesionalisme.*

- (c) Tabulate the major differences between the Board of Quantity Surveyors Malaysia (BQSM) and the Institution of Surveyors Malaysia (ISM).

*Sediakan suatu jadual yang jelas menunjukkan perbezaan di antara Lembaga Juruukur Bahan Malaysia (BQSM) dan Pertubuhan Juruukur Malaysia (ISM).*

(20 marks/markah)

2. (a) In the context of the global financial crisis, discuss the advantageous of a quantity surveying consultancy modeled upon the 'boutique' concept.

*Dalam konteks krisis kewangan global, bincangkan tentang kelebihan-kelebihan perundingan ukur bahan yang dimodelkan berteraskan konsep 'boutique'.*

- (b) Elaborate with regards the core competencies, skills and attributes of the 'green' Quantity Surveyor.

*Huraikan tentang 'core competencies', kemahiran dan ciri-ciri seorang Juruukur Bahan yang prihatin terhadap isu-isu alam sekitar.*

- (c) List the 'core' competencies of Quantity Surveyors from the RICS nomenclature.

*Senaraikan 'core' competencies seorang Juruukur Bahan daripada nomenklatur RICS.*

(20 marks/markah)

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3. (a) "The roles of the Quantity Surveyor have evolved tremendously, and they are now poised to lead construction teams".

Discuss, with emphasis on the evolving role of the quantity surveyor and their potential to lead.

*"Peranan Juruukur Bahan telah banyak berubah, dan mereka sekarang mempunyai peluang untuk memimpin pasukan pembinaan".*

*Bincangkan, dengan penekanan terhadap peranan 'evolving' seseorang juruukur bahan serta potensi mereka untuk memimpin.*

- (b) Discuss the RICS values and what it stands for and why the RICS brand is globally accepted.

*Bincangkan tentang nilai-nilai RICS dan kesannya serta kenapa jenama RICS diterima pakai secara global.*

- (c) List the Client Satisfaction Indicators as part of the Key Performance Indicators (KPIs) for Quantity Surveyors.

*Senaraikan Petunjuk-petunjuk Kepuasan Klien sebagai Petunjuk Prestasi Utama untuk Juruukur Bahan.*

(20 marks/markah)

4. (a) Discuss how the issues of sustainability and Blue Ocean Strategy can impact upon the professional Quantity Surveyor.

*Bincangkan bagaimana isu-isu kelestarian serta strategi 'Blue Ocean' boleh memberi kesan kepada seorang Juruukur Bahan profesional.*

- (b) Elaborate about the 'developing' roles of the Quantity Surveyor as espoused by Ashworth and Hogg.

*Huraikan tentang peranan-peranan 'developing' seseorang Juruukur Bahan seperti yang diajukan oleh Ashworth dan Hogg.*

- (c) List the Basic Services of the Quantity Surveyor as covered under the BQSM/MOA.

*Senaraikan 'Basic Services' untuk seorang Juruukur Bahan seperti yang termaktub dalam BQSM/MOA.*

(20 marks/markah)

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5. (a) Using flow charts and diagrammatic representations indicate the roles and functions of the quantity surveyor at the tender stage; indicate clearly as well the involvement of other consultants.

*Dengan menggunakan carta aliran serta gambarajah, nyatakan tentang peranan dan fungsi juruukur bahan di tahap tender; jelaskan juga peranan-peranan perunding-perunding lain.*

- (b) Elaborate regarding the function and purpose of the Bills of Quantities.

*Huraikan tentang fungsi-fungsi serta matlamat Senarai Bahan.*

- (c) Briefly, describe the differences between a Consultant Quantity Surveyor and the Contractor's Quantity Surveyor.

*Dengan ringkas, nyatakan perbezaan-perbezaan di antara Juruukur Bahan Perunding dan Juruukur Bahan pihak Kontraktor.*

(20 marks/markah)

6. (a) Discuss about the roles that the Quantity Surveyor play in lean construction methods, illustrating your answer with diagrammatic representations.

*Bincangkan tentang peranan-peranan yang dimainkan oleh Juruukur Bahan dalam kaedah 'lean construction'; gunakan lakaran-lakaran di dalam jawapan anda.*

- (b) "The services provided by the Quantity Surveyor at Post-Contract stage is very important to the client's overall budget."

Discuss.

*"Perkhidmatan yang diberikan oleh seorang Juruukur Bahan di tahap Pasca-Kontrak amatlah penting kepada belanjawan keseluruhan pihak klien."*

*Bincangkan.*

- (c) Indicate a format of a contents page of a Bills of Quantities.

*Nyatakan suatu format kandungan untuk Senarai Bahan.*

(20 marks/markah)

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